

**BROADCAST WARNINGS**

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

**NAVAREA IV**

Messages in force 191200Z August 1999:

1994 series	231(GEN)	324(28)	192(GEN)	253(11)	285(25)
245(GEN)	1998 series	1999 series	216(26)	278(GEN)	
1997 series	4(25)	63(GEN)	224(11)	283(14)	
230(GEN)	193(11)	96(26)	241(11)	284(GEN)	

The summary of all NAVAREA IV messages in force as of 10 December 1998 is given in Section III of NM 52/98. Warnings issued during the subsequent quarters are issued in NM 13/99 and 26/99.

**NAVAREA IV WARNINGS issued from 121200Z to 191200Z August 1999.**

277/99. CANCELED.

278/99(GEN).

1. NAVAREA IV MESSAGES IN FORCE 130800Z AUG 1999. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
1999 SERIES: 216(26), 224(11), 241(11), 253(11), 271(14), 274(14), 275(24), 276(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 1998 IS GIVEN IN SEC III OF NM 52/98. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/99 AND 26/99.
3. CANCEL NAVAREA IV 210/99, 263/99.

(130905Z AUG 1999)

279/99 thru 282/99. CANCELED.

283/99(14). NORTH ATLANTIC. ICE.

1. RADAR TARGET REPORTED IN 43-37.0N 047-06.9W.
2. CANCEL THIS MSG 23 AUG.

(162344Z AUG 1999)

284/99(GEN). POTENTIAL PROBLEMS FOR USERS OF GPS RECEIVERS.

1. USERS OF GPS RECEIVERS ARE ADVISED OF POTENTIAL PROBLEMS DUE TO GPS ROLL OVER. THIS PROBLEM IS RELATED TO THE FIRST ROLL OVER OF THE 1,024 WEEK GPS CLOCK CYCLE WHICH WILL OCCUR AT MIDNIGHT ON AUGUST 21, 1999.
2. ALL GPS RECEIVERS KEEP GPS TIME WHICH BEGAN ON JANUARY 6, 1980. GPS TIME IS INCLUDED AS A DATA FIELD IN THE NAVIGATIONAL MESSAGE TRANSMITTED BY EACH SATELLITE. SOME GPS RECEIVERS HAVE LIMITED STORAGE SPACE FOR THIS TIME INFORMATION AND CAN ONLY HOLD A MAXIMUM OF 1,023 WEEKS. THESE SYSTEMS WILL INTERPRET WEEK NUMBER 1,024 AS 0.
3. MANY GPS RECEIVERS ARE KNOWN TO BE UNABLE TO MAKE THE TRANSITION FROM WEEK 1,023 TO 1,024. DURING THIS TIME THE INTERNAL CLOCKS OF THESE GPS RECEIVERS WILL EXPERIENCE A LACK OF ABSOLUTE REFERENCE AND MAY GIVE THE WRONG TIME AND POSITION OR MAY LOCK UP PERMANENTLY.
4. SOME OF THESE GPS RECEIVERS ARE REPAIRABLE WITH UPGRADES AND OTHERS WILL BECOME UNUSABLE. USERS ARE ADVISED TO CHECK WITH THEIR GPS MANUFACTURER REGARDING THE STATUS OF THEIR RECEIVER. CURRENTLY GPS RECEIVERS ARE IN THE 1,023RD WEEK.
5. FOR FURTHER INFORMATION SEE SECTION 2.3.5 (PAGES 18-19) OF THE GPS SPS SIGNAL SPECIFICATION, 2ND EDITION, ISSUED JUNE 2, 1995 WHICH REPEATS THE WORDS AND WARNINGS OF ICD-GPS-200. IN ADDITION GPS SPS SIGNAL SPECIFICATION MAY BE OBTAINED FROM THE WEB AS AN ADOBE ACROBAT (.PDF) DOCUMENT AT THE U.S. COAST GUARD'S SITE AT [HTTP://WWW.NAVCEN.USCG.MIL/GPS/GENINFO/GPSDOCUMENTS/SIGSPEC/DEFAULT.HTM](http://WWW.NAVCEN.USCG.MIL/GPS/GENINFO/GPSDOCUMENTS/SIGSPEC/DEFAULT.HTM). REMEMBER, FAILURE TO CORRECT THE PROBLEM COULD LEAD TO SERIOUS NAVIGATIONAL PROBLEMS BY PLACING LIVES AND PROPERTY AT RISK.

(181525Z AUG 1999)

285/99(25). CARIBBEAN SEA.

1. DERELICT 22 FOOT F/V TROPICAL MIST ADRIFT IN 14-00N 062-57W.
2. CANCEL THIS MSG 25 AUG.

(181834Z AUG 1999)

**SECTION III****NM 36/99****HYDROLANTS**

Messages in force 191200Z August 1999:

1981 series	2002(53)	1040(54)	1256(54)	1502(53)	1671(24)
1893(51)	2286(24)	1050(54)	1259(24)	1503(37)	1685(24)
1982 series	2407(36)	1076(54)	1264(54)	1508(37,43,44)	1696(GEN)
1535(23)	1999 series	1085(54)	1265(54)	1511(53,56)	1703(24)
1983 series	13(52)	1095(54)	1277(24)	1513(56)	1706(57)
344(57)	15(54)	1112(54)	1313(37)	1535(23)	1708(53)
1994 series	540(54)	1117(54)	1326(37)	1536(54)	1714(37)
2191(53)	552(53)	1118(54)	1338(37)	1542(36)	1715(54)
1996 series	567(54)	1129(54)	1347(37)	1543(37)	1718(14)
1960(54)	783(36)	1135(24)	1350(37)	1547(57)	1720(36)
1997 series	825(35)	1159(54)	1353(54)	1550(37)	1722(52)
916(GEN)	857(35)	1172(51)	1354(54)	1555(24)	1723(55)
917(GEN)	858(35)	1173(54)	1368(54)	1557(37)	1724(35,43)
1053(37)	882(35)	1175(54)	1369(54)	1568(54)	1728(53)
1643(56)	917(37)	1182(51)	1370(54)	1575(35)	1729(35)
1998 series	935(55)	1186(54)	1371(35)	1584(36)	1730(GEN)
435(35)	966(35)	1207(37)	1382(37)	1593(51)	1731(54)
482(51)	971(35)	1210(54)	1393(54)	1605(24)	1732(54)
1145(11)	1014(54)	1211(54)	1394(57)	1620(24)	1733(54)
1147(35)	1021(54)	1212(24)	1409(54)	1623(53)	1734(54)
1311(52)	1025(54)	1231(35)	1423(37)	1641(54)	1735(35,43)
1371(51)	1027(54)	1237(54)	1449(37)	1653(55)	1739(37)
1692(37)	1029(35)	1249(51)	1468(57)	1657(36,37)	1740(37)
1810(37)	1031(35)	1251(53)	1501(38)	1658(57)	

The summary of all HYDROLANTS in force as of 10 December 1998 is given in Section III of NM 52/98. Warnings issued during the subsequent quarters are issued in NM 13/99 and 26/99.

**HYDROLANT WARNINGS issued from 121200Z to 191200Z August 1999.**

1686/99 thru 1695/99. CANCELED.

1696/99(GEN).

1. HYDROLANT MESSAGES IN FORCE 130800Z AUG 1999. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
1999 SERIES: 1368(54), 1369(54), 1370(54), 1371(35), 1382(37), 1393(54), 1394(57), 1409(54), 1423(37), 1449(37), 1468(57), 1501(38), 1502(53), 1503(37), 1508(37,43,44), 1511(53,56), 1513(56), 1535(23), 1536(54), 1542(36), 1543(37), 1544(36), 1547(57), 1550(37), 1554(24), 1555(24), 1557(37), 1568(54), 1575(35), 1577(53), 1584(36), 1593(51), 1605(24), 1620(24), 1623(53), 1638(51), 1641(54), 1650(14), 1652(37), 1653(55), 1657(36,37), 1658(57), 1671(24), 1680(23), 1681(29), 1685(24), 1690(53), 1691(35), 1693(36), 1695(36).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 1998 IS GIVEN IN SEC III OF NM 52/98. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/99 AND 26/99.
3. CANCEL HYDROLANT 2359/98, 918/99, 961/99, 999/99, 1204/99, 1325/99, 1512/99, 1529/99, 1573/99, 1630/99, 1660/99, 1692/99.

(130910Z AUG 1999)

1697/99 thru 1702/99. CANCELED.

1703/99(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY 15 AUG UNTIL 30 SEP BY M/V WESTERN ATLAS TOWING FOUR 6000 METER LONG CABLES IN AREA BOUND BY 03-10S 038-29W, 03-06S 038-35W, 03-13S 038-39W, 03-17S 038-33W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 OCT.

(140637Z AUG 1999)

1704/99 and 1705/99. CANCELED.

1706/99(57). GULF OF GUINEA.

MAN OVERBOARD FROM M/V PETCHMANEE VICINITY 02-56N 002-21E AT 140001Z AUG. VESSEL ENROUTE ABIDJAN TO GABON. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO CAPE TOWN RADIO.

(141743Z AUG 1999)

1707/99. CANCELED.

1708/99(53). SARDEGNA-SOUTHWEST COAST. GUNNERY.

1. GUNNERY EXERCISES 16 THRU 31 AUG WITHIN THREE MILES OF 39-44N 008-03E. 1000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 01 SEP.

(150755Z AUG 1999)

1709/99 thru 1713/99. CANCELED.

1714/99(37). SOUTHERN NORTH SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V GEO SURVEYOR TOWING 700 METER LONG CABLE WITHIN  
ONE MILE OF 53-39.7N 002-43.6E. WIDE BERTH REQUESTED.

(160940Z AUG 1999)

1715/99(54). IONIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 191300Z TO 191500Z AUG  
WITHIN 12 MILES OF 37-35N 017-45E.
2. CANCEL THIS MSG 191600Z AUG.

(161353Z AUG 1999)

1716/99 and 1717/99. CANCELED.

1718/99(14). NORTH ATLANTIC. ICE.

1. RADAR TARGET REPORTED IN 43-37.0N 047-06.9W.
2. CANCEL THIS MSG 23 AUG.

(162354Z AUG 1999)

1719/99. CANCELED.

1720/99(36). IRISH SEA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V GEO SEARCHER ALONG TRACKLINE BETWEEN 53-48N 005-03W  
AND 53-47N 004-15W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1716/99.

(170105Z AUG 1999)

1721/99. CANCELED.

1722/99(52). MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 220600Z TO 220800Z AUG WITHIN  
20 MILES OF 38-08N 006-30E.
2. CANCEL THIS MSG 220900Z AUG.

(170710Z AUG 1999)

1723/99(55). TURKEY. SEA OF MARMARA. EARTHQUAKE DAMAGE.

1. AN EARTHQUAKE HAS STRUCK NORTHWESTERN TURKEY IN THE VICINITY OF  
ISTANBUL, IZMIT, AND THE NORTHEASTERN COASTLINE OF THE SEA OF  
MARMARA.
2. THE PORTS OF IZMIT KORFEZI MAY HAVE RECEIVED DAMAGE TO PIERS AND  
OTHER HARBOR FACILITIES.
3. MARINERS ARE ADVISED THAT AIDS TO NAVIGATION IN IZMIT KORFEZI MAY  
BE DAMAGED OR OTHERWISE UNRELIABLE.
4. MARINERS ARE REQUESTED TO REPORT ANY DAMAGED AND/OR UNRELIABLE  
AIDS TO NAVIGATION AND ANY HAZARDS TO NAVIGATION TO THE NAVAREA  
III COORDINATOR IN CADIZ, SPAIN, PHONE: 34(956)599409,  
TELEX: 41406 CRTD E, E-MAIL: IHMESP@REDESB.ES, PLA: DINSHIDRO.

(171446Z AUG 1999)

1724/99(35,43). SCOTLAND TO DENMARK.

41 FOOT S/V RHE, WHITE HULL, SIX PERSONS ON BOARD, OVERDUE  
LERWICK TO AARHUS. LAST KNOWN POSITION 59-48N 001-53E. VESSELS IN  
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MRCC AARHUS, TELEX: (55) 64485, PHONE: (45) 89 43 30 99,  
EXT 3201/3203, FAX: (45) 89 43 32 30.

(171759Z AUG 1999)

1725/99 thru 1727/99. CANCELED.

1728/99(53). SARDEGNA-SOUTHWEST COAST. ORDNANCE.

1. BOMBING EXERCISES IN PROGRESS UNTIL 31 AUG WITHIN  
THREE MILES OF 39-44N 008-00E. 1000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 01 SEP.

(180740Z AUG 1999)

1729/99(35). IRELAND-SOUTHWEST COAST.

CHART 35390 (2ND ED).

1. BULL ROCK LIGHT 51-36N 010-18W UNLIT.
2. CANCEL HYDROLANT 1717/99.

(180950Z AUG 1999)

1730/99(GEN). POTENTIAL PROBLEMS FOR USERS OF GPS RECEIVERS.

1. USERS OF GPS RECEIVERS ARE ADVISED OF POTENTIAL PROBLEMS DUE TO GPS ROLL OVER. THIS PROBLEM IS RELATED TO THE FIRST ROLL OVER OF THE 1,024 WEEK GPS CLOCK CYCLE WHICH WILL OCCUR AT MIDNIGHT ON AUGUST 21, 1999.
2. ALL GPS RECEIVERS KEEP GPS TIME WHICH BEGAN ON JANUARY 6, 1980. GPS TIME IS INCLUDED AS A DATA FIELD IN THE NAVIGATIONAL MESSAGE TRANSMITTED BY EACH SATELLITE. SOME GPS RECEIVERS HAVE LIMITED STORAGE SPACE FOR THIS TIME INFORMATION AND CAN ONLY HOLD A MAXIMUM OF 1,023 WEEKS. THESE SYSTEMS WILL INTERPRET WEEK NUMBER 1,024 AS 0.
3. MANY GPS RECEIVERS ARE KNOWN TO BE UNABLE TO MAKE THE TRANSITION FROM WEEK 1,023 TO 1,024. DURING THIS TIME THE INTERNAL CLOCKS OF THESE GPS RECEIVERS WILL EXPERIENCE A LACK OF ABSOLUTE REFERENCE AND MAY GIVE THE WRONG TIME AND POSITION OR MAY LOCK UP PERMANENTLY.
4. SOME OF THESE GPS RECEIVERS ARE REPAIRABLE WITH UPGRADES AND OTHERS WILL BECOME UNUSABLE. USERS ARE ADVISED TO CHECK WITH THEIR GPS MANUFACTURER REGARDING THE STATUS OF THEIR RECEIVER. CURRENTLY GPS RECEIVERS ARE IN THE 1,023RD WEEK.
5. FOR FURTHER INFORMATION SEE SECTION 2.3.5 (PAGES 18-19) OF THE GPS SPS SIGNAL SPECIFICATION, 2ND EDITION, ISSUED JUNE 2, 1995 WHICH REPEATS THE WORDS AND WARNINGS OF ICD-GPS-200. IN ADDITION GPS SPS SIGNAL SPECIFICATION MAY BE OBTAINED FROM THE WEB AS AN ADOBE ACROBAT (.PDF) DOCUMENT AT THE U.S. COAST GUARD'S SITE AT [HTTP://WWW.NAVCEN.USCG.MIL/GPS/GENINFO/GPSDOCUMENTS/SIGSPEC/DEFAULT.HTM](http://WWW.NAVCEN.USCG.MIL/GPS/GENINFO/GPSDOCUMENTS/SIGSPEC/DEFAULT.HTM). REMEMBER, FAILURE TO CORRECT THE PROBLEM COULD LEAD TO SERIOUS NAVIGATIONAL PROBLEMS BY PLACING LIVES AND PROPERTY AT RISK.

(181534Z AUG 1999)

1731/99(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 191130Z TO 191330Z AND 191800Z TO 192000Z AUG IN AREA BOUND BY 40-53-04N 018-10-53E, 41-05-00N 018-12-30E, 41-05-00N 018-16-30E, 40-53-04N 018-28-58E, 40-53-04N 018-10-53E.
2. CANCEL THIS MSG 192100Z AUG.

(182123Z AUG 1999)

1732/99(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 191130Z TO 191330Z AND 191800Z TO 192000Z AUG IN AREA BOUND BY 40-45-00N 018-37-30E, 40-40-00N 018-37-30E, 40-40-00N 18-21-20E, 40-45-00N 018-13-30E.
2. CANCEL THIS MSG 192100Z AUG.

(182137Z AUG 1999)

1733/99(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 0800Z TO 1000Z DAILY 19 THRU 20 AUG IN AREA BOUND BY 40-45-00N 018-37-30E, 40-40-00N 018-37-30E, 40-40-00N 018-21-20E, 40-45-00N 018-13-30E.
2. CANCEL THIS MSG 201100Z AUG.

(182305Z AUG 1999)

1734/99(54). IONIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 210600Z TO 210800Z AUG WITHIN 12 MILES OF 38-20N 017-55E.
2. CANCEL THIS MSG 210900Z AUG.

(182317Z AUG 1999)

1735/99(35,43). NORTH SEA.

VESSEL TOWING SUBMERGED PIPELINE BUNDLE UNTIL FURTHER NOTICE ALONG TRACKLINE JOINING 58-31N 003-08W, 61-03N 003-18E, 64-59N 006-28E. WIDE BERTH REQUESTED.

(182327Z AUG 1999)

1736/99 thru 1738/99. CANCELED.

1739/99(37). DOVER STRAIT.

CHART 37115 (2ND ED).

BASSURELLE BUOY 50-33N 000-58E UNLIT.

(190137Z AUG 1999)

1740/99(37). NORTH SEA.

1. DERELICT F/V GERDA MARIA ON FIRE AND ADRIFT IN 53-30.6N 003-01.3E AT 182331Z AUG.
2. CANCEL HYDROLANT 1738/99, PERSONS RESCUED.

(190145Z AUG 1999)

1741/99 and 1742/99. CANCELED.

## SECTION III

NM 36/99

### NAVAREA XII

Messages in force 191200Z August 1999:

1994 series	210(GEN)	71(GEN)	279(18,19)	282(16,17)
187(GEN)	211(GEN)	254(19)	280(GEN)	
1997 series	1999 series	277(GEN)	281(18)	

The summary of all NAVAREA XII messages in force as of 10 December 1998 is given in Section III of NM 52/98. Warnings issued during the subsequent quarters are issued in NM 13/99 and 26/99.

#### NAVAREA XII WARNINGS issued from 121200Z to 191200Z August 1999.

277/99(GEN).

1. NAVAREA XII MESSAGES IN FORCE 130800Z AUG 1999. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 1999 SERIES: 254(19), 271(GEN), 273(16,17), 274(16,17), 275(16,17), 276(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 1998 IS GIVEN IN SEC III OF NM 52/98. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/99 AND 26/99.
3. CANCEL NAVAREA XII 263/99.

(130915Z AUG 1999)

278/99. CANCELED.

279/99(18,19). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 0816Z TO 1546Z DAILY 20 THRU 22 AUG IN AREAS BOUND BY:
  - A. 34-48N 121-00W, 34-50N 121-00W, 34-52N 120-36W, 34-50N 120-36W.
  - B. 34-32N 126-17W, 35-00N 122-01W, 34-28N 121-57W, 34-00N 126-12W.
  - C. 32-51N 136-34W, 33-03N 135-34W, 32-36N 135-26W, 32-23N 136-26W.
  - D. 34-50N 120-56W, 34-52N 120-56W, 34-53N 120-39W, 34-52N 120-39W.
  - E. 34-24N 127-03W, 34-56N 122-48W, 34-24N 122-43W, 33-52N 126-57W.
  - F. 32-32N 137-29W, 32-45N 136-29W, 32-18N 136-21W, 32-04N 137-20W.
2. CANCEL THIS MSG 221646Z AUG.

(160720Z AUG 1999)

280/99(GEN). POTENTIAL PROBLEMS FOR USERS OF GPS RECEIVERS.

1. USERS OF GPS RECEIVERS ARE ADVISED OF POTENTIAL PROBLEMS DUE TO GPS ROLL OVER. THIS PROBLEM IS RELATED TO THE FIRST ROLL OVER OF THE 1,024 WEEK GPS CLOCK CYCLE WHICH WILL OCCUR AT MIDNIGHT ON AUGUST 21, 1999.
2. ALL GPS RECEIVERS KEEP GPS TIME WHICH BEGAN ON JANUARY 6, 1980. GPS TIME IS INCLUDED AS A DATA FIELD IN THE NAVIGATIONAL MESSAGE TRANSMITTED BY EACH SATELLITE. SOME GPS RECEIVERS HAVE LIMITED STORAGE SPACE FOR THIS TIME INFORMATION AND CAN ONLY HOLD A MAXIMUM OF 1,023 WEEKS. THESE SYSTEMS WILL INTERPRET WEEK NUMBER 1,024 AS 0.
3. MANY GPS RECEIVERS ARE KNOWN TO BE UNABLE TO MAKE THE TRANSITION FROM WEEK 1,023 TO 1,024. DURING THIS TIME THE INTERNAL CLOCKS OF THESE GPS RECEIVERS WILL EXPERIENCE A LACK OF ABSOLUTE REFERENCE AND MAY GIVE THE WRONG TIME AND POSITION OR MAY LOCK UP PERMANENTLY.
4. SOME OF THESE GPS RECEIVERS ARE REPAIRABLE WITH UPGRADES AND OTHERS WILL BECOME UNUSABLE. USERS ARE ADVISED TO CHECK WITH THEIR GPS MANUFACTURER REGARDING THE STATUS OF THEIR RECEIVER. CURRENTLY GPS RECEIVERS ARE IN THE 1,023RD WEEK.
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(181538Z AUG 1999)

281/99(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS TAKE PLACE  
0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR  
WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS  
TAKE PLACE BETWEEN 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY  
MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:  
A. 34-02N 119-04W. M. THENCE 3 NAUTICAL MILES FROM  
B. 33-52N 119-06W. AND PARALLEL TO THE SHORELINE TO:  
C. 33-29N 119-07W. N. 34-24N 120-30W.  
D. 33-29N 118-37W. O. 34-08N 120-26W.  
E. 33-20N 118-37W. P. 34-08N 119-40W.  
F. 32-11N 120-16W. Q. 34-00N 119-40W.  
G. 31-54N 121-35W. R. 34-06N 119-13W.  
H. 35-09N 123-39W. S. 34-06N 119-11W.  
I. 35-29N 123-00W. T. 34-07N 119-10W.  
J. 35-04N 122-43W. U. 34-07N 119-07W.  
K. 35-37N 121-32W. V. 34-04N 119-04W.  
L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE  
AREAS DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT  
PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ)  
SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING  
THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE  
WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS  
WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS  
DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S  
SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE IF  
THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE  
MILES OFFSHORE IN THE VICINITY OF POINT MUGU OR CROSS THE AREA TO  
THE SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 276/99.

(190820Z AUG 1999)

282/99(16,17). NORTH PACIFIC. ALASKA.

1. LORAN-C STATION ST PAUL ISLAND, RATE 9990-MASTER,  
OFF AIR 242100Z TO 242300Z AUG.
2. CANCEL THIS MSG 250001Z AUG.

(190830Z AUG 1999)

# SECTION III

NM 36/99

## HYDROPACS

Messages in force 191200Z August 1999:

1990 series	986(62)	561(83)	673(71,93)	750(96,97)	792(62)
1191(GEN)	1999 series	570(71)	675(61)	752(76)	796(81)
1218(62)	45(22)	572(94)	684(61)	754(22)	799(74)
1992 series	86(81)	575(96)	685(94)	755(22)	801(97)
908(71)	117(22)	576(71)	686(94)	757(74)	802(81)
1997 series	123(73)	608(74)	687(95)	761(62)	803(94)
506(GEN)	137(61)	612(71)	688(62)	762(71,74)	804(83)
507(GEN)	227(74)	618(83)	694(93)	766(63)	805(71)
901(62)	275(62)	622(61)	701(74)	773(95)	806(76)
915(22)	350(74)	628(22)	712(73)	774(71,93)	808(62)
1998 series	454(81)	637(93)	715(62)	775(GEN)	809(62)
418(62)	477(81)	650(62)	726(74)	777(81,97)	810(62)
695(62)	494(71)	652(71)	730(93)	778(72)	812(72)
729(61)	495(71)	655(22,83)	739(83)	784(74)	814(GEN)
805(61)	537(74)	662(63)	743(96)	785(62)	815(93)
904(73)	539(74)	663(63)	746(96)	788(76)	818(74)
964(93)	560(62)	664(63)	747(96)	789(GEN)	

The summary of all HYDROPACS in force as of 10 December 1998 is given in Section III of NM 52/98. Warnings issued during the subsequent quarters are issued in NM 13/99 and 26/99.

## HYDROPAC WARNINGS issued from 121200Z to 191200Z August 1999.

785/99(62). RED SEA.

1. SURVEY OPERATIONS 16 THRU 20 AUG BY  
M/V LITTLEHALES IN AREA BETWEEN  
23-30.0N 24-14.0N AND 035-28.0E 036-01.8E.
2. CANCEL THIS MSG 21 AUG.

(121640Z AUG 1999)

786/99 and 787/99. CANCELED.

788/99(76). TASMAN SEA.

1. CABLE LAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY CABLESHIPS OCEAN COMMANDER AND CABLE INNOVATOR VICINITY  
OF TRACKLINE JOINING 35-51.0S 165-23.1E, 36-01.9S 166-11.6E,  
36-48.7S 174-25.2E. ONE MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 787/99.

(130610Z AUG 1999)

789/99(GEN).

1. HYDROPAC MESSAGES IN FORCE 130800Z AUG 1999. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
1999 SERIES: 608(74), 612(71), 618(83), 622(61), 628(22),  
637(93), 650(62), 652(71), 655(22,83), 662(63), 663(63), 664(63),  
673(71,93), 675(61), 684(61), 685(94), 686(94), 687(95), 688(62),  
694(93), 701(74), 712(73), 715(62), 723(71,93), 726(74), 730(93),  
739(83), 743(96), 746(96), 747(96), 749(GEN), 750(96,97),  
752(76), 754(22), 755(22), 757(74), 758(62), 761(62),  
762(71,74), 773(95), 774(71,93), 775(GEN), 777(81,97),  
778(72), 779(23), 780(29), 784(74), 785(62), 788(76).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 11 DEC 1998  
IS GIVEN IN SEC III OF NM 52/98. WARNINGS ISSUED DURING THE  
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/99 AND 26/99.
3. CANCEL HYDROPAC 732/99, 753/99, 786/99.

(130920Z AUG 1999)

790/99 and 791/99. CANCELED.

792/99(62). PERSIAN GULF.

1. UNDERWATER PIPELINE OPERATIONS IN PROGRESS UNTIL 30 AUG  
IN AREA BETWEEN 25-29-32N 25-19-30N AND 052-22-56E 052-20-28E.
2. CANCEL THIS MSG 31 AUG.

(131658Z AUG 1999)

793/99 thru 795/99. CANCELED.



796/99(81). NORTH PACIFIC.

1. SURVEY OPERATIONS 19 THRU 23 AUG BY M/V SYOYO TOWING 3400 METER LONG CABLE VICINITY OF TRACKLINE JOINING 24-20N 154-10E, 23-00N 153-20E, 21-00N 153-10E.
2. CANCEL THIS MSG 24 AUG.

(140902Z AUG 1999)

797/99 and 798/99. CANCELED.

799/99(74). AUSTRALIA-NORTHEAST COAST.

INGHAM DGPS STATION ESTABLISHED IN 18-33.3S 146-18.2E. STATION TRANSMITTING ON TRIAL BASIS, UNRELIABLE FOR NAVIGATION.

(150855Z AUG 1999)

800/99. CANCELED.

801/99(97). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 20 THRU 22 AUG IN AREA BOUND BY 25-51N 131-41E, 25-28N 132-46E, 23-48N 133-25E, 23-40N 131-13E, 24-17N 130-21E.
2. CANCEL THIS MSG 23 AUG.

(160705Z AUG 1999)

802/99(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 0746Z TO 1646Z DAILY 20 THRU 22 AUG IN AREAS BOUND BY:
  - A. 09-01N 168-11E, 09-00N 168-01E, 09-03N 167-59E, 08-50N 167-36E, 08-50N 167-34E, 09-15N 167-20E, 09-23N 167-33E, 09-59N 167-11E, 10-12N 167-22E, 10-48N 168-00E, 10-30N 168-27E, 10-01N 168-48E, 09-16N 169-23E, 08-36N 168-48E.
  - B. 10-39N 170-43E, 10-39N 170-36E, 11-15N 170-14E, 11-20N 170-17E, 11-45N 170-45E, 12-30N 170-45E, 12-42N 171-30E, 12-00N 172-21E, 10-45N 172-42E, 10-30N 171-45E, 10-45N 171-21E.
  - C. 12-44N 173-16E, 13-03N 173-47E, 12-43N 174-00E, 12-24N 173-30E.
2. CANCEL THIS MSG 221746Z AUG.

(160740Z AUG 1999)

803/99(94). EAST CHINA SEA.

1. UNDERWATER CABLE OPERATIONS 21 AUG THRU 04 SEP BY CABLESHIP CYNTHIA MARIE ALONG TRACKLINE JOINING 31-28N 122-37E, 30-23N 124-48E, 29-54N 126-42E, 29-35N 126-57E, 29-18N 127-26E.
2. CANCEL THIS MSG 05 SEP.

(161403Z AUG 1999)

804/99(83). SOUTH PACIFIC.

1. NINE CONTAINERS ADRIFT IN 19-59.7S 160-50.7W AT 160830Z AUG.
2. CANCEL THIS MSG 24 AUG.

(170144Z AUG 1999)

805/99(71). STRAIT OF MALACCA.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 31 AUG BY M/V PERANTAU IN AREA BOUND BY 01-16.2N 103-30.6E, 01-14.6N 103-30.6E, 01-13.6N 103-34.7E, 01-12.6N 103-34.7E, 01-12.6N 103-29.8E, 01-14.4N 103-23.6E, 01-23.0N 103-23.6E, 01-23.0N 103-25.6E.
2. CANCEL THIS MSG 01 SEP.

(170215Z AUG 1999)

806/99(76). NEW ZEALAND. NORTH ISLAND-WEST COAST.

- CHART 76060 (7TH ED).
1. CAPE EGMONT LIGHT 39-17S 173-45E CHANGED TO: FL W 8 SEC 19 MILES.
  2. CANCEL HYDROPAC 800/99(74), AID RESTORED.

(170650Z AUG 1999)

807/99. CANCELED.

808/99(62). GULF OF SUEZ.

- CHART 62191 (14TH ED).
- RACON AT GEZIRET SHAKIR LIGHT 27-27.1N 034-02.3E INOPERATIVE.

(171424Z AUG 1999)

809/99(62). GULF OF SUEZ.

- CHART 62191 (14TH ED).
- SHA'AB ABU NUHAS LIGHT 27-34.6N 033-55.9E UNLIT AND RACON INOPERATIVE.

(171430Z AUG 1999)

## SECTION III

NM 36/99

- 810/99(62). GULF OF SUEZ.  
CHART 62195 (6TH ED).  
RACON AT RAS RUAHMI LIGHT 28-43.2N 032-49.3E INOPERATIVE.  
(171437Z AUG 1999)
- 811/99. CANCELED.
- 812/99(72). JAWA SEA.  
1. CAPSIZED BARGE ADRIFT VICINITY 05-21.7S 112-27.8E AT 170930Z AUG.  
2. CANCEL HYDROPAC 798/99.  
(180057Z AUG 1999)
- 813/99. CANCELED.
- 814/99(GEN). POTENTIAL PROBLEMS FOR USERS OF GPS RECEIVERS.  
1. USERS OF GPS RECEIVERS ARE ADVISED OF POTENTIAL PROBLEMS DUE TO GPS ROLL OVER. THIS PROBLEM IS RELATED TO THE FIRST ROLL OVER OF THE 1,024 WEEK GPS CLOCK CYCLE WHICH WILL OCCUR AT MIDNIGHT ON AUGUST 21, 1999.  
2. ALL GPS RECEIVERS KEEP GPS TIME WHICH BEGAN ON JANUARY 6, 1980. GPS TIME IS INCLUDED AS A DATA FIELD IN THE NAVIGATIONAL MESSAGE TRANSMITTED BY EACH SATELLITE. SOME GPS RECEIVERS HAVE LIMITED STORAGE SPACE FOR THIS TIME INFORMATION AND CAN ONLY HOLD A MAXIMUM OF 1,023 WEEKS. THESE SYSTEMS WILL INTERPRET WEEK NUMBER 1,024 AS 0.  
3. MANY GPS RECEIVERS ARE KNOWN TO BE UNABLE TO MAKE THE TRANSITION FROM WEEK 1,023 TO 1,024. DURING THIS TIME THE INTERNAL CLOCKS OF THESE GPS RECEIVERS WILL EXPERIENCE A LACK OF ABSOLUTE REFERENCE AND MAY GIVE THE WRONG TIME AND POSITION OR MAY LOCK UP PERMANENTLY.  
4. SOME OF THESE GPS RECEIVERS ARE REPAIRABLE WITH UPGRADES AND OTHERS WILL BECOME UNUSABLE. USERS ARE ADVISED TO CHECK WITH THEIR GPS MANUFACTURER REGARDING THE STATUS OF THEIR RECEIVER. CURRENTLY GPS RECEIVERS ARE IN THE 1,023RD WEEK.  
5. FOR FURTHER INFORMATION SEE SECTION 2.3.5 (PAGES 18-19) OF THE GPS SPS SIGNAL SPECIFICATION, 2ND EDITION, ISSUED JUNE 2, 1995 WHICH REPEATS THE WORDS AND WARNINGS OF ICD-GPS-200. IN ADDITION GPS SPS SIGNAL SPECIFICATION MAY BE OBTAINED FROM THE WEB AS AN ADOBE ACROBAT (.PDF) DOCUMENT AT THE U.S. COAST GUARD'S SITE AT [HTTP://WWW.NAVCEN.USCG.MIL/GPS/GENINFO/GPSDOCUMENTS/SIGSPEC/DEFAULT.HTM](http://WWW.NAVCEN.USCG.MIL/GPS/GENINFO/GPSDOCUMENTS/SIGSPEC/DEFAULT.HTM). REMEMBER, FAILURE TO CORRECT THE PROBLEM COULD LEAD TO SERIOUS NAVIGATIONAL PROBLEMS BY PLACING LIVES AND PROPERTY AT RISK.  
(181541Z AUG 1999)
- 815/99(93). SOUTH CHINA SEA. GUNNERY.  
1. GUNNERY EXERCISES 222300Z TO 231400Z, 232300Z TO 241400Z, 242300Z TO 261400Z, 262300Z TO 271400Z AND 272300Z TO 281100Z AUG IN AREA BOUND BY 02-30N 104-17E, 02-30N 105-30E, 01-30N 105-30E, 01-30N 104-20E, 02-00N 104-20E, 02-00N 104-17E.  
2. CANCEL THIS MSG 281200Z AUG.  
(181806Z AUG 1999)
- 816/99 and 817/99. CANCELED.
- 818/99(74). CORAL SEA.  
1. 12 METER CATAMARAN IRIS ADRIFT VICINITY 20-47S 156-48E.  
2. CANCEL HYDROPAC 811/99.  
(190032Z AUG 1999)
- 819/99. CANCELED.

## MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in force MARAD ADVISORIES may be received by accessing the National Imagery and Mapping Agency NAVINFONET system, or by referring to Section I (paragraph 53) of Notice to Mariners 1/99 for those in force as of 31 December 1998 or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 19 August 1999: 96-5, 97-3, 98-1, 98-2, 98-5, 98-6 and 99-3.

**SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of SPECIAL WARNINGS may be obtained by accessing NAVINFONET or referring to Section I (paragraph 8) of Notice to Mariners 1/99 and in Notice to Mariners 10/99, 18/99, 23/99.

SPECIAL WARNINGS in force 19 August 1999: 1, 29, 71, 77, 81, 82, 89, 92, 95, 100, 102, 103, 104, 105, 107, 108, 109, 110 and 111.